

## THE WATER WE DRINK

Gardner Community Water Association, Inc.  
Public Water Supply ID: LA1079010

We are pleased to present to you the Annual Water Quality Report for the year 2022. This report is designed to inform you about the quality of your water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the drinking quality of your water.

Our water sources are listed below:

<u>Source Name</u>	<u>Source Type</u>	<u>Source ID Number</u>
Well #2 Hwy 28/NW well	Ground Water	1079010-002
Well #1 Hwy 28/SE well	Ground Water	1079010-001
Well #3 Hwy 1200	Ground Water	1079010-003
Well #4 St. Clair Rd.	Ground Water	1079010-004

The sources of drinking water (both tap water and bottled water) include rivers, lakes streams, ponds, reservoirs, springs, and wells. As water travels over the surface of land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

Microbial Contaminants - such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Inorganic Contaminants - such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming.

Pesticides and Herbicides - which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

Organic Chemical Contaminants - including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

Radioactive Contaminants - which can be naturally occurring or be the result of oil and gas production and mining activities.

A Source Water Assessment Plan (SWAP) is now available from our office. This plan is an assessment of a delineated area around our listed sources through which contaminants, if present, could migrate and reach our source water. It also includes an inventory of potential

sources of contamination within the delineated area, and a determination of the water supply's susceptibility to contamination by the identified potential sources. According to the Source Water Assessment Plan, our water system had a susceptibility rating of "High". If you would like to review the Source Water Assessment Plan, please feel free to contact our office at the number provided in the following paragraph.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health. We are pleased to report that our drinking water is safe and meets Federal and State requirements. We want our valued customers to be informed about their water utility. If you have any questions about this report, want to attend any scheduled meetings, or simply want to learn more about your drinking water, please contact JAMES HAY at 318-793-4568.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Gardner Community Water System is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

The Louisiana Department of Health and Hospitals/Office of Public Health routinely monitors for constituents in your drinking water according to Federal and State laws. The tables that follow show the results of our monitoring during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2022. Drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

In the tables below, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we have provided the following definitions:

Parts per Million (ppm) or Milligrams per liter (mg/l)--one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter--one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L)-- picocuries per liter is a measure of the radioactivity in water.

Treatment Technique (TT)--an enforceable procedure or level of technological performance which public water systems must follow to ensure control of a contaminant.



Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
Antimony, total	1/23/2020	1.9	0-1.9	ppb	6	6	Discharge from Petroleum refineries; fire retardants; ceramics; electronics; solder
Fluoride	1/23/2020	1.3	0.7-1.3	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Treated water regulated Contaminants	Collection Date	Highest Value	range	unit	MCL	MCLG	Typical Source
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No detected Results were Found in the Calendar Year of 2022

Source water Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Source
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Gross Alpha Particle activity	4/27/2022	14.6	10.2-14.6	pCi/l	5	0	Erosion of Natural deposits
Combined Radium (-226 & -228)	2/18/2020	1.06	0- 1.06	pCi/l	5	0	Erosion of natural deposits

Treated water Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
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Gross Alpha Particle Activity	3/10/2022	21.5	10.03-21.5	pCi/l	15	0	Erosion of natural deposits
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Gross Beta Particle	03/10/2022	0.802	0.802	pCi/1	50	0	Decay of natural and man-made. Note: The gross beta particle activity MCL is 4 millirems/year annual dose equivalent to the total body or any internal organ. 50 pCi/1 is used as a screening level.
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Lead and Copper	Date	90 <sup>th</sup> Percentile	Range	Unit	AL	Sites Over AL	Typical Source
Copper Free	2018-2020	0.2	0-0.3	Ppm	1.3	0	Corrosion of household plumbing systems; Erosion of natural deposits; leaching from wood preservatives.
Lead	2018-2020	1	0-5	Ppb	15	0	Corrosion of household plumbing systems; erosion of natural deposits

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Source
Total Haloacetic acids (HAA5)	10793 Hwy 28	2022	7	6.8-6.8	ppb	60	0	Byproduct of drinking water disinfection
Total Haloacetic Acids (HAAS)	Rachal Rd.	2022	7	6.6-.6.6	ppb	60	0	By product of

disinfection

TTHM	10793 Hwy 28	2022	21	21.3-21.3	ppb	80	0	Byproduct of drinking water chlorination
TTHM	Rachal Rd.	2022	21	21.3-21.3	ppb	80	0	Byproduct of drinking water Chlorination

Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
Chloride	1/23/2020	20	11-20	MG/L	250.
PH	2/18/2020	7.9	6.8-7.9	PH	8.5
Sulfate	2/18/2020	14	10-14	MG/L	250

Treated Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
Iron	3/10/2022	0.04	0.03-0.04	MG/L	0.3

++++++**Environmental Protection Agency Required Health Effects Language**++++++

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers, EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Additional Required Health Effects Language:

Coliforms are bacteria that are naturally present the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.

There are no additional required health effects violation notices.

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Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers.









We at the GARDNER COMMUNITY WATER ASSOCIATION, INC. work around the clock to provide top quality drinking water to every tap. We ask that all our customers help us protect and conserve our water sources, which are the heart of our community, our way of life, and our children's future. Our water system grade is an A, having scored 103 points. Our report card can be found at: [www.ldh.la.gov/watergrade](http://www.ldh.la.gov/watergrade). The report card is also enclosed in this report. Please call our office (318-793-4568) if you have questions.

**GARDNER COMMUNITY WATER SYSTEM**

**Parish: RAPIDES**

**PWSID: LA1079010**

**2022 Water Grade**

 <b>Federal Water Quality</b>	<p>Points deducted for federal violations, which include Treatment Technique and Maximum Contaminant Level Violations, may pose a public health risk over an extended period of time.</p> <p style="text-align: right;">Max of 30 points</p>	<p><b>-0</b></p>
 <b>State Water Quality</b>	<p>Points deducted for state violations, which include no water operator, inadequate water disinfection, and boil notices and water outages, may lead to other issues of concern if not resolved.</p> <p style="text-align: right;">Max of 10 points</p>	<p><b>-0</b></p>
 <b>Financial Sustainability</b>	<p>Points deducted for lack of financial sustainability which can affect operations and maintenance of the water system. An effective water rate can provide for the repair, maintenance, and future replacement of infrastructure.</p> <p style="text-align: right;">Max of 10 points</p>	<p><b>-0</b></p>
 <b>Operations &amp; Maintenance</b>	<p>Points deducted for operation and maintenance deficiencies noted during water system inspections, which may affect the water quality being distributed to consumers.</p> <p style="text-align: right;">Max of 15 points</p>	<p><b>-0</b></p>
 <b>Infrastructure</b>	<p>Points deducted for infrastructure deficiencies noted during water system inspections, which may lead to unsafe drinking water and/or water service disruption.</p> <p style="text-align: right;">Max of 20 points</p>	<p><b>-0</b></p>
 <b>Customer Satisfaction</b>	<p>Points deducted for customer complaints received by the water system and/or the Louisiana Department of Health, which are confirmed to be a water quality or quantity issue in the water system.</p> <p style="text-align: right;">Max of 10 points</p>	<p><b>-2</b></p>
 <b>Secondary Contaminants</b>	<p>Points deducted for levels of iron and/or manganese greater than the secondary maximum contaminant levels. These levels do not pose a health risk but may cause undesirable water quality issues.</p> <p style="text-align: right;">Max of 5 points</p>	<p><b>-0</b></p>
 <b>BONUS</b>	<p>Points granted for having an asset management plan; a storage assessment and maintenance program; well assessment &amp; maintenance program; participation in management training; or participation in a capacity development program.</p> <p style="text-align: right;">Max of 10 points</p>	<p><b>+5</b></p>